

ABSTRACT OF THE DISCLOSURE

The present invention discloses an access device for supporting a variable data layer including: a user access processing module unit for receiving and processing an input command of a user, providing externally-received voice data to the user, and processing access to a local
5 area network; a central control processing module unit for processing the voice data processed in or inputted to the user access processing module unit, and controlling processing units of the respective modules; and a wide area network access processing module unit for receiving data from the central control processing module unit, and performing a matching operation for a physical layer access. As a result, the access device supports the variable data layer, minimizes
10 hardware variations due to variations of a physical layer access medium, and utilizes system hardware according to environmental variations of the physical access unit.